

CLAIMS

See
#1

1. A polycarbonate resin for an optical disk substrate characterized by having a viscosity average molecular weight of from 10,000 to 17,000, an iron content of 0.2 ppm or less and a free total phenol content of 80 ppm or less, and containing from 100 to 500 ppm of a releasing agent.

2. A polycarbonate resin for an optical disk substrate described in claim 1, which has an acetone soluble content of 12% by mass or less.

3. A polycarbonate resin for an optical disk substrate described in claim 1 or 2, which contains from 150 to 350 ppm of a releasing agent.

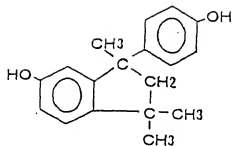
4. A polycarbonate resin for an optical disk substrate described in any of claims 1 to 3, wherein the releasing agent is a polyhydric alcohol fatty acid ester.

5. An optical disk substrate comprising a polycarbonate resin for an optical disk substrate described in any of claims 1 to 4.

6. A polycarbonate resin for an optical disk substrate characterized by being produced with, as a raw material, 2,2-(4-hydroxyphenyl)propane having a content of 2-(2-hydroxylphenyl)-2-(4-hydroxylphenyl)propane of 1,000 ppm or less, a content of a cyclic dimer of *para*-isopropenylphenol represented by the following general formula (I) of 150 ppm

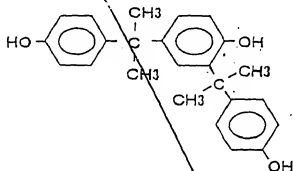
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or less:



(I)

and a content of a trisphenol compound represented by the following general formula (II) of 150 ppm or less:



(II)

having a viscosity average molecular weight of from 10,000 to 17,000 and a fraction of hydroxyl end groups of less than 7% by mole, and containing from 100 to 500 ppm of a releasing agent.

7. A polycarbonate resin for an optical disk substrate as described in claim 6, which has a free total phenol content of 80 ppm or less.

8. A polycarbonate resin for an optical disk substrate described in claim 6 or 7, which contains from 150

to 350 ppm of a releasing agent.

9. A polycarbonate resin for an optical disk substrate described in any of claims 6 to 8, wherein the releasing agent is a polyhydric alcohol fatty acid ester.

10. An optical disk substrate comprising a polycarbonate resin for an optical disk substrate described in any of claims 6 to 9.

11. A polycarbonate resin for an optical disk substrate characterized by satisfying the following conditions:

(1) a viscosity average molecular weight is from 10,000 to 17,000,

(2) an iron content is 0.2 ppm or less;

(3) when an intensity of a chemical shift δ of from 7.0 to 7.5 ppm based on a phenyl ring in a spectrum measured with $^1\text{H-NMR}$ is 1,000, signal intensities at δ of from 1.02 to 1.08 and from 6.69 to 6.73 are 0.01 or less; and

(4) from 100 to 500 ppm of a releasing agent is contained.

12. A polycarbonate resin for an optical disk substrate as described in claim 11, which contains from 150 to 350 ppm of a releasing agent.

13. A polycarbonate resin for an optical disk substrate described in claim 11 or 12, wherein the releasing agent is a polyhydric alcohol fatty acid ester.

14. A polycarbonate resin for an optical disk substrate described in claim 13, wherein the polyhydric alcohol fatty acid ester is a fatty acid monoester of glycerin.

15. An optical disk substrate comprising a polycarbonate resin for an optical disk substrate described in any of claims 11 to 14.

16. A polycarbonate resin for an optical disk substrate characterized by having a viscosity average molecular weight of from 10,000 to 17,000, an iron content of 0.2 ppm or less and a fraction of hydroxyl end groups of less than 7% by mole, and containing from 100 to 500 ppm of a releasing agent.

17. A polycarbonate resin for an optical disk substrate as described in claim 16, which contains from 150 to 350 ppm of a releasing agent.

18. A polycarbonate resin for an optical disk substrate described in claim 16 or 17, wherein the releasing agent is a polyhydric alcohol fatty acid ester.

19. A polycarbonate resin for an optical disk substrate described in claim 18, wherein the polyhydric alcohol fatty acid ester is a fatty acid monoester of glycerin.

20. An optical disk substrate comprising a polycarbonate resin for an optical disk substrate described in any of claims 16 to 19.